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**RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/460,216**DATE: 12/31/1999  
TIME: 02:47:14**INPUT SET: S34345.raw**

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

**ENTERED**1                   **SEQUENCE LISTING**  
2  
3       (1)      **General Information:**  
4  
5        (i)     **APPLICANTS:** Progenics Pharmaceuticals, Inc.  
6  
7        (ii)    **TITLE OF INVENTION:** A Method For Preventing HIV-1  
8   Infection of CD4+ Cells  
9  
10      (iii)   **NUMBER OF SEQUENCES:** 27  
11  
12      (iv)    **CORRESPONDENCE ADDRESS:**  
13        (A)   **ADDRESSEE:** Cooper & Dunham LLP  
14        (B)   **STREET:** 1185 Avenue of the Americas  
15        (C)   **CITY:** New York  
16        (D)   **STATE:** New York  
17        (E)   **COUNTRY:** USA  
18        (F)   **ZIP:** 10036  
19  
20      (v)    **COMPUTER READABLE FORM:**  
21        (A)   **MEDIUM TYPE:** Floppy disk  
22        (B)   **COMPUTER:** IBM PC compatible  
23        (C)   **OPERATING SYSTEM:** PC-DOS/MS-DOS  
24        (D)   **SOFTWARE:** PatentIn Release #1.0, Version #1.30  
25  
26      (vi)   **CURRENT APPLICATION DATA:**  
27        (A)   **APPLICATION NUMBER:** Not Yet Known  
28        (B)   **FILING DATE:** Herewith  
29        (C)   **CLASSIFICATION:**  
30  
31      (viii)   **ATTORNEY/AGENT INFORMATION:**  
32        (A)   **NAME:** White, John P.  
33        (B)   **REGISTRATION NUMBER:** 28,678  
34        (C)   **REFERENCE/DOCKET NUMBER:** 50875-F-PCT/JPW/AKC  
35  
36      (ix)   **TELECOMMUNICATION INFORMATION:**  
37        (A)   **TELEPHONE:** 212-278-0400  
38        (B)   **TELEFAX:** 212-391-0525  
39  
40      (2)   **INFORMATION FOR SEQ ID NO:1:**  
41  
42        (i)   **SEQUENCE CHARACTERISTICS:**  
43        (A)   **LENGTH:** 38 nucleotides  
44        (B)   **TYPE:** nucleic acid  
45        (C)   **STRANDEDNESS:** single  
46        (D)   **TOPOLOGY:** linear

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47                 (ii) MOLECULE TYPE: oligonucleotide  
48  
49                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
50  
51                 CAAGGCTACT TCCCTGATTG GCAGAACTAC ACACCAGG                 38  
52  
53  
54                 (2) INFORMATION FOR SEQ ID NO:2:  
55  
56                 (i) SEQUENCE CHARACTERISTICS:  
57                         (A) LENGTH: 25 nucleotides  
58                         (B) TYPE: nucleic acid  
59                         (C) STRANDEDNESS: single  
60                         (D) TOPOLOGY: linear  
61  
62                 (ii) MOLECULE TYPE: oligonucleotide  
63  
64                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
65  
66                 AGCAAGCCGA GTCCTGCGTC GAGAG                 25  
67  
68                 (2) INFORMATION FOR SEQ ID NO:3:  
69  
70                 (i) SEQUENCE CHARACTERISTICS:  
71                         (A) LENGTH: 23 nucleotides  
72                         (B) TYPE: nucleic acid  
73                         (C) STRANDEDNESS: single  
74                         (D) TOPOLOGY: linear  
75  
76                 (ii) MOLECULE TYPE: oligonucleotide  
77  
78                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
79  
80                 GGGACTTTCC GCTGGGGACT TTC                 23  
81  
82                 (2) INFORMATION FOR SEQ ID NO:4:  
83  
84                 (i) SEQUENCE CHARACTERISTICS:  
85                         (A) LENGTH: 33 nucleotides  
86                         (B) TYPE: nucleic acid  
87                         (C) STRANDEDNESS: single  
88                         (D) TOPOLOGY: linear  
89  
90                 (ii) MOLECULE TYPE: oligonucleotide  
91  
92                 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
93  
94                 CCTGTTGGGG CGCCACTGCT AGAGATTTTC CAC                 33  
95  
96                 (2) INFORMATION FOR SEQ ID NO:5:  
97  
98                 (i) SEQUENCE CHARACTERISTICS:  
99                         (A) LENGTH: 60 amino acids

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100 (B) TYPE: amino acid  
101 (C) STRANDEDNESS: Not Relevant  
102 (D) TOPOLOGY: Not Relevant  
103  
104 (ii) MOLECULE TYPE: protein  
105  
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
107  
108 Pro Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys  
109 1 5 10 15  
110  
111 Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe Val  
112 20 25 30  
113  
114  
115  
116 Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg  
117 35 40 45 50  
118  
119  
120 Glu Tyr Ile Asn Ser Leu Glu Met Ser  
121 55 60  
122  
123  
124  
125 (2) INFORMATION FOR SEQ ID NO:6:  
126  
127 (i) SEQUENCE CHARACTERISTICS:  
128 (A) LENGTH: 36 nucleotides  
129 (B) TYPE: nucleic acid  
130 (C) STRANDEDNESS: single  
131 (D) TOPOLOGY: linear  
132  
133 (ii) MOLECULE TYPE: oligonucleotide  
134  
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
136  
137 AAGCTTGGAG AACCAAGCGGT TACCATGGAG GGGATC 36  
138  
139 (2) INFORMATION FOR SEQ ID NO:7:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 30 nucleotides  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: oligonucleotide  
148  
149 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
150  
151 GTCTGAGTCT GAGTCAGCT TGGAGAACCA 30  
152

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153 (2) INFORMATION FOR SEQ ID NO:8:  
154  
155 (i) SEQUENCE CHARACTERISTICS:  
156 (A) LENGTH: 41 nucleotides  
157 (B) TYPE: nucleic acid  
158 (C) STRANDEDNESS: single  
159 (D) TOPOLOGY: linear  
160  
161 (ii) MOLECULE TYPE: oligonucleotide  
162  
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
164  
165 CTCGAGCATC TGTGTTAGCT GGAGTGAAAA CTTGAAGACT C 41  
166  
167 (2) INFORMATION FOR SEQ ID NO:9:  
168  
169 (i) SEQUENCE CHARACTERISTICS:  
170 (A) LENGTH: 30 nucleotides  
171 (B) TYPE: nucleic acid  
172 (C) STRANDEDNESS: single  
173 (D) TOPOLOGY: linear  
174  
175 (ii) MOLECULE TYPE: oligonucleotide  
176  
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
178  
179 GTCTGAGTCT GAGTCCTCGA GCATCTGTGT 30  
180  
181 (2) INFORMATION FOR SEQ ID NO:10:  
182  
183 (i) SEQUENCE CHARACTERISTICS:  
184 (A) LENGTH: 32 nucleotides  
185 (B) TYPE: nucleic acid  
186 (C) STRANDEDNESS: single  
187 (D) TOPOLOGY: linear  
188  
189 (ii) MOLECULE TYPE: oligonucleotide  
190  
191 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
192  
193 AAGCTTCAGA GAGAAGCCGG GATGGAACT CC 32  
194  
195 (2) INFORMATION FOR SEQ ID NO:11:  
196  
197 (i) SEQUENCE CHARACTERISTICS:  
198 (A) LENGTH: 30 nucleotides  
199 (B) TYPE: nucleic acid  
200 (C) STRANDEDNESS: single  
201 (D) TOPOLOGY: linear  
202  
203 (ii) MOLECULE TYPE: oligonucleotide  
204  
205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

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206  
207 GTCTGAGTCT GAGTCAGCT TCAGAGAGAA 30  
208  
209 (2) INFORMATION FOR SEQ ID NO:12:  
210  
211 (i) SEQUENCE CHARACTERISTICS:  
212 (A) LENGTH: 32 nucleotides  
213 (B) TYPE: nucleic acid  
214 (C) STRANDEDNESS: single  
215 (D) TOPOLOGY: linear  
216  
217 (ii) MOLECULE TYPE: oligonucleotide  
218  
219 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
220  
221 CTCGAGCTGA GTCAGAACCC AGCAGAGAGT TC 32  
222  
223 (2) INFORMATION FOR SEQ ID NO:13:  
224  
225 (i) SEQUENCE CHARACTERISTICS:  
226 (A) LENGTH: 30 nucleotides  
227 (B) TYPE: nucleic acid  
228 (C) STRANDEDNESS: single  
229 (D) TOPOLOGY: linear  
230  
231 (ii) MOLECULE TYPE: oligonucleotide  
232  
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:  
234  
235 GTCTGAGTCT GAGTCCTCGA GCTGAGTCAG 30  
236  
237 (2) INFORMATION FOR SEQ ID NO:14:  
238  
239 (i) SEQUENCE CHARACTERISTICS:  
240 (A) LENGTH: 32 nucleotides  
241 (B) TYPE: nucleic acid  
242 (C) STRANDEDNESS: single  
243 (D) TOPOLOGY: linear  
244  
245 (ii) MOLECULE TYPE: oligonucleotide  
246  
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:  
248  
249 AAGCTTCAGT ACATCCACAA CATGCTGTCC AC 32  
250  
251 (2) INFORMATION FOR SEQ ID NO:15:  
252  
253 (i) SEQUENCE CHARACTERISTICS:  
254 (A) LENGTH: 30 nucleotides  
255 (B) TYPE: nucleic acid  
256 (C) STRANDEDNESS: single  
257 (D) TOPOLOGY: linear  
258

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Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: Not Yet Known